

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/01660

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G10L19/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G10L G06F H04N H04S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 112 169 A (DOLSON MARK) 29 August 2000 (2000-08-29) abstract	1-15
A	WO 89 09985 A (MASSACHUSETTS INST TECHNOLOGY) 19 October 1989 (1989-10-19) abstract	1-15
A	EP 0 538 877 A (MICOM COMMUNICATIONS CORP) 28 April 1993 (1993-04-28) abstract	1-15
A	US 5 475 629 A (TAKAHASHI SUSUMU) 12 December 1995 (1995-12-12) abstract	1-15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

26 June 2003

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11.07.2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2001/023396 A1 (CUPERMAN VLADIMIR ET AL) 20 September 2001 (2001-09-20) abstract</p> <p>-----</p>	1-15

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			WO	9820481 A1	14-05-1998

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			WO	9910719 A1	04-03-1999